



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Qi Cai

Serial No.: 10/682,167

Filed: 10/09/2003

For: DIFFERENTIAL PIPELINED ANALOG TO DIGITAL CONVERTER WITH  
SUCCESSIVE APPROXIMATION REGISTER SUBCONVERTER  
STAGES USING THERMOMETER CODING

Docket No.: TI-35742

Art Unit: 2819

Examiner: Nguyen, John B.

Conf. No.: 7303

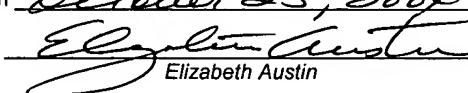
AMENDMENT TRANSMITTAL FORM

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

**MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(a)**

I hereby certify, that on this date, this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Alexandria, VA 22313-1450 on October 25, 2004.

  
Elizabeth Austin

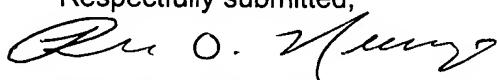
Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	18	Minus	20	0	x \$18 =	\$ 0.00
Independent Claims	4	Minus	3	1	x \$86 =	\$86.00
TOTAL ADDITIONAL FEE						\$86.00

Charge the total additional fee, and any further fees, or credit overpayment to the deposit account of Texas Instruments Incorporated, Account No. 20-0668. An original and two copies of this sheet are enclosed.

Respectfully submitted,



Ronald O. Neerings  
Attorney for Applicants  
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In re Application of

**Qi Cai**

Serial No.: **10/682,167**

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Conf. No.: **7303**

For: **DIFFERENTIAL PIPELINED ANALOG TO DIGITAL CONVERTER WITH  
SUCCESSIVE APPROXIMATION REGISTER SUBCONVERTER STAGES  
USING THERMOMETER CODING**

**AMENDMENT - 37 CFR § 1.111**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

**MAILING CERTIFICATE UNDER § 37 CFR 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents and Trademarks, Alexandria, VA 22313-1450 on

*October 25, 2004*  
*Elizabeth Austin*  
Elizabeth Austin

Responsive to the Office Action dated July 19, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 3 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

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